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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/701,026

11/04/2003

Michael Schmid

P2002,0949

6160

24131

7590

11/03/2004

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EXAMINER

FIGUEROA, FELIX O

ART UNIT

PAPER NUMBER

2833

DATE MAILED: 11/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/701,026

Applicant(s)

SCHMID ET AL.

Examiner

Felix O. Figueroa

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-5, 8 and 9 is/are rejected.
- 7) ☒ Claim(s) 6 and 7 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 11/04/03.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

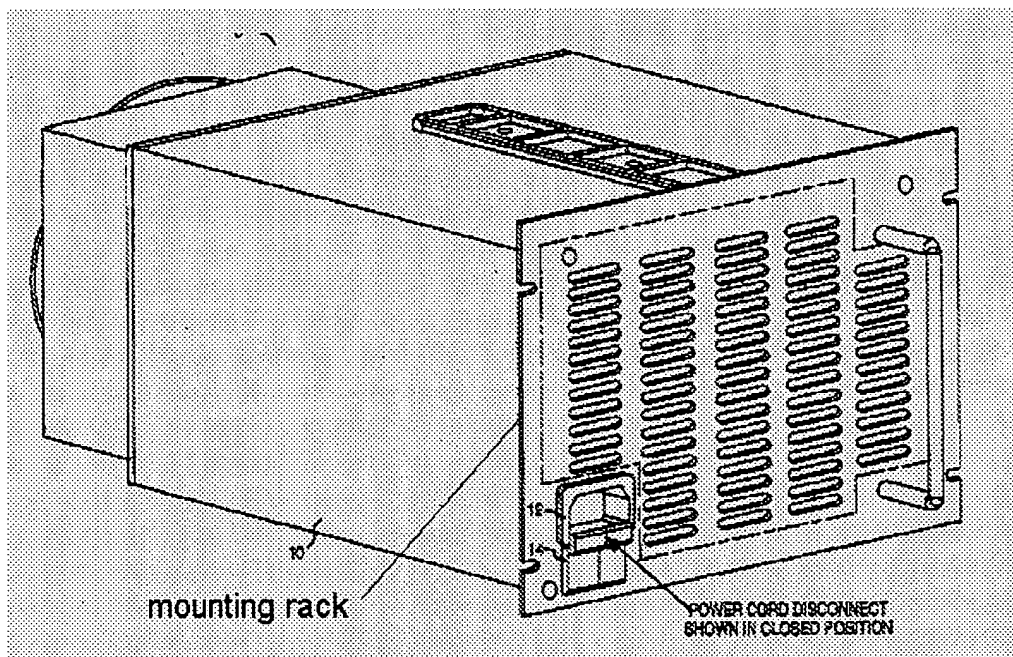
Claims 1-5, 8 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jarrett (US 5,735,701) in view of Pham (US 6,081,419).

Jarrett discloses a power supply (5) for an electrical appliance (40), comprising: a connector/interface (12, as shown in Fig.1) for receiving an electrical member (20), and the power supply can be removed from the electrical appliance for installation or servicing purposes; and an insertion protection device (14) for preventing insertion of the electrical plug into the female connector when the power supply is not installed in a correct location (e.g. when 18 is aligned with 32) of the electrical appliance.

However, Jarrett does not disclose specifies whether the connector (12) and the electrical member (20) are female or male, respectively. Pham teaches a power supply (18) for an electrical appliance (10) comprising a female connector (36) on the power supply for receiving an electrical plug (48). This interface structure reduces the risk of tampering during storage or transportation of the power supply. Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to form the power supply of Jarrett with a female connector for receiving an

electrical plug, as taught by Pham, to reduce the risk of tampering during storage or transportation of the power supply.

Regarding claim 2, Jarrett discloses the power supply further comprising a mounting rack (see following figure), and the insertion protection device is a slide (please note that element 14 slides between the positions shown in Fig.2 and 4) disposed in the mounting rack.



Regarding claim 3, Jarrett discloses the slide at least partially covering the connector (12) when the slide is in a locked state (as shown in Fig.2).

Regarding claim 4, Jarrett discloses a spring (22) acting on the slide for pushing the slide into a locking position (as shown in Fig.2), in which the connector (12) is at least partially covered by the slide.

Regarding claim 5, Jarrett discloses that the slide can be moved from the locking position only by applying force to the spring at two different positions (i.e. the two ends

of the spring). Please note that in order for the slide to be moved a tension force must be applied to the spring by the slide and a counteracting tension force is applied at the end in which the spring is attached to the housing.

Regarding claim 8, Jarrett discloses the insertion protection device preventing removal of the power supply from the electrical appliance when the electrical plug is inserted in the connector (col.3 lines 46-50).

Regarding claim 9, Jarrett discloses the power supply being use in a computer system (col.3 lines 13-14).

Allowable Subject Matter

Claims 6 and 7 are allowed.

The following is a statement of reasons for the indication of allowable subject matter: the prior art fails to teach or suggest the slide being automatically release from the locking position by an insertion process, in combination with the remaining limitations of the claims. Jarrett discloses that the slide is manually moved and there is no teaching or motivation to release the slide automatically by the insertion process.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Tonozuka (US 6,439,917) discloses a power supply with a protection device.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Felix O. Figueroa whose telephone number is (571) 272-2003. The examiner can normally be reached on Mon.-Fri., 10:00am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on (571) 272-2800 Ext. 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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